PLATE 6 OF 9

DEPARTMENT OF THE INTERIOR WYOMING-LINCOLN CO. **GEOLOGICAL SURVEY** 7.5 MINUTE SERIES (TOPOGRAPHIC) 110°37′30″ 41°52′30″ R.116 W. R. 115 W. 19 21 22 23 19 30 29 27 30 Susie Mine (Kemmerer Coal Mine No. 4) 31 32 33 34 35 31 T.22 N. T.22N T.21 N. T.21 N. 50' 01336 rontier No. 1 Mine (Kemmerer Coal Mine No. 1) 1205 / 10 1079 Frontier No. 3 Mi (Kemmerer Coal Mine No. 3) 18 17 15 18 47'30" 19 22 20 21 23 19 Diamondville No. 1 Mine (Diamond Coal & Coke Mine No. Diamond Coal & Coke Mine No. 3 29 30 27 30 Oakley Mine
(Diamond Coal & Coke Mine No. 2) 32 31 34 31 41°45′ 110°3 Base″ from U.S. Geological Survey, 1955 Compiled in 1977/1978 30' SCALE 1:24 000 3000 This report has not been edited 1 KILOMETER 5 0 for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature. WYOMING QUADRANGLE LOCATION APPROXIMATE MEAN DECLINATION, 1954

**UNITED STATES** 

COAL RESOURCE OCCURRENCE MAP OF THE SOUTHEAST QUARTER OF THE KEMMERER 15-MINUTE QUADRANGLE, LINCOLN COUNTY, WYOMING

BY DAMES & MOORE 1979 OVERBURDEN ISOPACHS - Showing thickness of overburden, in feet, from surface to top of coal bed. Dashed where vertical accuracy possibly not within 40 feet; short dashed through subsurface mine area. Isopach interval 200 feet (61 m) over strippable coal and 400 feet (122 m) beyond the stripping-limit line.

**EXPLANATION** 

SOUTHEAST KEMMERER QUADRANGLE

0 1079

DRILL HOLE - Showing thickness of overburden, in feet, from surface to top of coal bed.

MINING-RATIO CONTOUR - Number indicates cubic yards of overburden per ton of recoverable coal by surface mining methods. Contours shown only in areas underlain by coal of Reserve Base thickness within the stripping-limit (in this quadrangle, the 200-foot-overburden isopach). To convert mining ratio to cubic meters of overburden per metric ton of recoverable coal, multiply mining ratio by 0.8428.

MK - Main Kemmerer

COAL BED SYMBOL AND NAME

TRACE OF COAL BED OUTCROP - Showing symbol of name of coal bed as listed above. Short dashed where inferred by present

TRACE OF FAULT - Bar and ball on downthrown side when direction of movement is known. Dashed where inferred or approximately located.

Frontier Mine No. 3
(Kemmerer Coal Mine No. 3)

SUBSURFACE COAL MINE - Showing name of mine. Dashed where approximately located.

To convert feet to meters, multiply feet by 0.3048.

PLATE 6

OVERBURDEN ISOPACH AND MINING RATIO MAP OF THE MAIN KEMMERER COAL BED